

II. *Eclipsis Lunæ observata Romæ, ad radices Collis Quirinalis, nocte sequente diem 3. Octobris, 1724. per clarissimum Virum Franciscum Blanchinum. Ex Epistola Rev. & Cl. Viri, Johannis Baptiste Carbone, S. Jes. ad Isaacum Sequeyra Samuda, M. D. R. S. S. Coll. Med. Lond. Lic.*

*T. V. post Med. No& 8.*

*H. M. S.*

**I** Nitium umbræ veræ (quantum secerni potest à penumbra) apparere nunc incipit in limbo Lunæ, in ea parte disci, quam secat radius à centro Lunæ duc&us per maculam Aristarchi.

Cum nubes redderent difficiliorem conspectum macularum, curavi definire quantitatem diametri obscuratæ ope Micrometri. Nunc igitur latent Digi&ti 3. circiter. Nam portio diametri A B *Fig. 1.* ab umbra libera, est partium 14, qualium tota Lunæ diameter est 18  $\frac{1}{2}$ .

Serenato tantisper cælo, umbræ limes transire videtur per Rheinoldum. Portio autem Diametri A B ab umbra non infecta est partium Micrometri 13.

Umbræ limes tanto spatio est infra Grimaldum (in tubo invertente objecta) quanta est diameter ejusdem maculæ Grimaldi. Transit quoque limes umbræ per Eudoxum & Aristotelem.

3 50 40

AB

	<i>H. M. S.</i>
A B partes Micrometri 9.	
Umbræ limes pervadit centrum Maris Crisium, & stringit limbum maculæ Grimaldi. Portio verò A B immunis ab umbra æquat partes Micrometri 8 $\frac{1}{2}$ .	3 54 40 4 6 10
Sirius ad Meridianum appellit clarissimè.	4 7 53
Totum Mare Crisium jam latere incipit, & in umbræ limite versatur etiam centrum maculæ Grimaldi. A B est partium Micrometri 8.	4 12 40
A B partium Micrometri 7 $\frac{2}{3}$ .	4 20 0
A B partium 7 $\frac{1}{4}$ circiter. Totus Grimaldus extra umbram, & Ricciolus quoque visitur. Limes umbræ transit per marginem Maris Nectaris.	4 25 0
Detectitur Galilæus.	4 41 0
A B partes Micrometri 8.	4 52 0
Aristarchus incipit ex limite umbræ prodire.	4 55 30
Centrum Aristarchi exit.	4 56 30
Totus Aristarchus extra umbram.	4 57 30
Centrum Copernici exit.	4 59 20
Totus Copernicus extra umbram.	5 0 10
Eratosthenes exit.	5 8 30
Helicon incipit emergere.	5 18 50
A B partes Micrometri 12 $\frac{1}{3}$ .	5 24 50
Plato incipit emergere.	5 25 50
Totus Plato extra umbram.	5 26 55
Plinius extra umbram.	5 28 20
A B partes Micrometri 14, vel 14 $\frac{1}{2}$ .	5 33 50
Quare digitus tres adhuc latent.	
Prior limbus Maris Crisium incipit prodire.	5 38 50
Centrum Maris Crisium extra umbram.	5 40 50
Totum mare Crisium extra umbram.	5 44 50
	Finis

Finis umbræ veræ, quæ exit è limbo 5 48 50  
Lunæ circa punctum definitum per Diame-  
trum à centro ductam per Cleomedem.

III. *Observationes aliquot Circum-Jovialium ha-  
bitæ eodem anno 1724. per eundem Cl. Blan-  
chinum. Ex eadem Epistola.*

Diss. Mens.

3 Jun.

T.V. post Med. Noct.

H. M. S.

**I**N Castro Viscardi supra Vul-  
finium in eodem serè Meridi-  
ano cum Vulfiniis (vulgò Bolsena)  
Satelles secundus B (*Vide Fig. 2.*)  
ex umbra Jovis emerserat, & ita  
configuratus visebatur cum cæ-  
teris.

Satelles tertius C subit limbum 3 0 30  
Jovis è directo fasciæ mediæ.

Satellitis intimi A incipit lumen 3 26 20  
imminui.

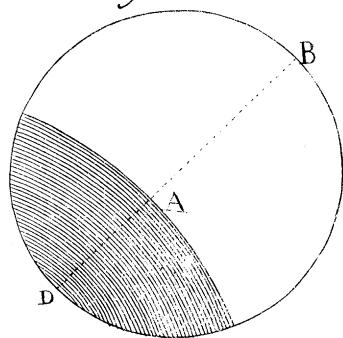
Totalis ejusdem immersio, re-  
liquis Satellitibus B, D, & fasciis 3 27 10  
perspicuè apparentibus.

**24** Jun. Romæ observata est tum im-  
mersio secundi Satellitis, tum pri-  
mi, ita configuratis Jovialibus.  
(*Vide Fig. 3.*)

Satellitis secundi B incipit lu-  
men debilitari. 1 39 0

Omnimoda ejusdem immersio. 1 40 20  
Etiam

Fig. 1.



Philos. Trans. 396.

Fig. 2.



Fig. 3.



Fig. 5.

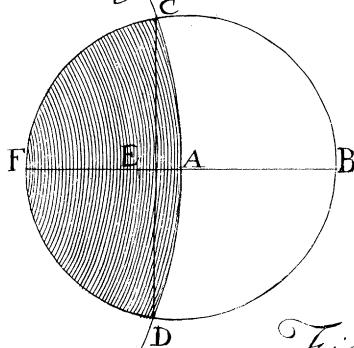


Fig. 4

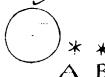


Fig. 6.

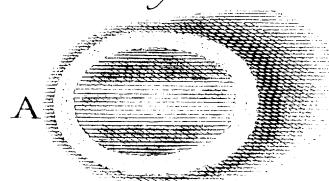


Fig. 7.

